

CHARGE NUMBER: Project 1904
PROJECT TITLE: Bioengineering Studies (Laboratory)
PERIOD COVERED: February 1-28, 1983
PROJECT LEADER: I. L. Uydess
DATE OF REPORT: March 4, 1983

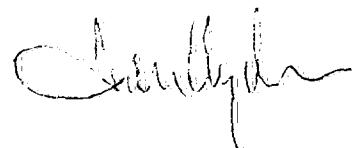
R. Dunn, P. Oglesby and other Project 1904 personnel are continuing investigations to further elucidate NOD process parameters as guidelines for the design and engineering of the Park 500 NOD facility.

P. Kusel is continuing his examination of the physiological basis for dissimilatory denitrification as exhibited by the mixed culture in both SEL and SEL-equivalent (defined) media.

D. Chadick and S. Tenhet collaborated with E. Taylor and R. McCuen in demonstrating the presence of ATCC-1-equivalent organisms in the mixed culture (by agglutination) using specific antibody to ATCC-1 made by PM personnel.

Pilot plant renovations are on schedule and should be completed by late March. The initial testing of the NOD process should begin in April.

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